



42-045-00070
PA 000293037

Monroe Energy, L.L.C.
4101 Post Road
Trainer, PA 19061
(610) 364-8000

July 17, 2019

Mr. James Rebarchak
Air Quality Program
Commonwealth of Pennsylvania
Department of Environmental Protection
Southeast Regional Office
2 East Main Street
Norristown, PA 19401
Via FedEx 7757 5003 5820

JUL 19 2019

j2212

RE: Monroe Energy, LLC – Trainer Refinery
Second Quarter (2Q2019) PADEP/PENREF LDAR VOC Fugitive Monitoring Report
Title V Operating Permit No. 23-00003

Dear Mr. Rebarchak:

As required by Pennsylvania Code, Title 25, §129.58(f), the Monroe Energy, LLC (Monroe Energy) Trainer Refinery hereby submits the LDAR VOC Fugitive Emissions Monitoring Report for the period of April 1, 2019 – June 30, 2019.

This report consists of the following documents:

- Compliance Monitoring Summary Pennsylvania Title 25, Section 129.58.
- Compliance Repair Delay List Pennsylvania Title 25, Section 129.58.
- Compliance Report Repair Delayed History – Components Repaired During Report Period, Pennsylvania Title 25, Section 129.58.
- Compliance Report – Components Added and Deleted During Report Period, Pennsylvania Title 25, Section 129.58.

As required by the Consent Decree H-05-0258, paragraph 236, Monroe Energy is hereby notifying the Department that the report leak rates contained herein for valves and pumps are those applicable regulatory leak definitions defined in Pennsylvania Code, Title §129.58(a).

During the reporting period, all components were monitored in accordance with Monroe Energy's Alternate LDAR Plan Monitoring Schedule and no late repairs were recorded. Also, per the aforementioned Consent Decree, there were no valves with a reading over 10,000 ppm that required a Drill and Tap, Repack, Repump, and/or a more aggressive attempt at repair.

Should you have any questions or comments regarding this report, please contact Stephani Ski Szymanski, Environmental Engineer and Program Lead, at (610) 364-8073.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Torell".

Matthew Torell, PE
Environmental Leader

Enclosure: Second Quarter 2019 PADEP/PENREF LDAR VOC Fugitive Monitoring Report

Cc: Office of Air Enforcement & Compliance Assistance (3AP20)
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Via FedEx 7757 5007 6040



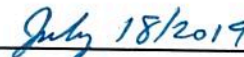
Monroe Energy, LLC

**4101 Post Road
Trainer, PA 19061
(610) 364-8000**

Responsible Official Certification

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.


Michael Capone,
Refinery Leader

 July 18/2019

MONROE ENERGY TRAINER REFINERY

2Q209 PADEP/PENREF QUARTERLY LDAR REPORT

SUMMARY

REPORT COMPLIANCE PERIOD: APRIL 1, 2019 TO JUNE 30, 2019

<u>UNIT</u>	<u>CLASS</u>	<u>MONTH</u>	<u>MONITORED</u>	<u>LEAKED</u>	<u>LATE REPAIR</u>
<u>543 CRUDE</u>					
	PUMP	4	4	0	0
	PUMP	5	4	0	0
	PUMP	6	4	0	0
	RELIEF	5	8	0	0
	VALVE	4	3	0	0
	VALVE	5	1,069	0	0
	VALVE	6	2	0	0
			<u>1,094</u>	<u>0</u>	<u>0</u>
<u>544 CRUDE</u>					
	PUMP	4	15	0	0
	PUMP	5	15	0	0
	PUMP	6	15	0	0
	RELIEF	5	8	0	0
	VALVE	5	1,167	0	0
			<u>1,220</u>	<u>0</u>	<u>0</u>
<u>544 VACUUM</u>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	5	7	0	0
	VALVE	5	398	0	0
			<u>411</u>	<u>0</u>	<u>0</u>
<u>ALKY</u>					
	PUMP	4	27	0	0
	PUMP	5	27	0	0
	PUMP	6	27	0	0
	RELIEF	5	38	0	0
	VALVE	4	10	0	0
	VALVE	5	3,303	1	0
	VALVE	6	9	1	0
			<u>3,441</u>	<u>2</u>	<u>0</u>
<u>AMINE</u>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	4	6	0	0
	VALVE	4	361	0	0
	VALVE	5	4	0	0
			<u>377</u>	<u>0</u>	<u>0</u>
<u>AWWTP</u>					

VALVE	4	140	0	0
		<u>140</u>	<u>0</u>	<u>0</u>

BLEND

PUMP	4	18	0	0
PUMP	5	17	0	0
PUMP	6	18	0	0
RELIEF	4	20	0	0
RELIEF	5	1	0	0
VALVE	4	1,432	0	0
VALVE	5	5	0	0
VALVE	6	3	0	0
		<u>1,514</u>	<u>0</u>	<u>0</u>

BOILER 14

VALVE	5	49	0	0
VALVE	6	49	0	0
		<u>98</u>	<u>0</u>	<u>0</u>

BOILERS 9 & 10

RELIEF	5	4	0	0
VALVE	4	1	0	0
VALVE	5	439	0	0
VALVE	6	439	0	0
		<u>883</u>	<u>0</u>	<u>0</u>

BUTANE

RELIEF	5	7	0	0
VALVE	5	304	0	0
		<u>311</u>	<u>0</u>	<u>0</u>

DESALT

PUMP	4	10	0	0
PUMP	5	10	0	0
PUMP	6	10	0	0
RELIEF	4	12	0	0
VALVE	4	811	0	0
		<u>853</u>	<u>0</u>	<u>0</u>

DIESEL

PUMP	4	11	0	0
PUMP	5	11	0	0
PUMP	6	11	0	0
RELIEF	4	9	0	0
VALVE	4	778	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<u>822</u>	<u>0</u>	<u>0</u>

FCC

PUMP	4	25	0	0
PUMP	5	24	0	0
PUMP	6	25	0	0
RELIEF	5	33	0	0
VALVE	4	2	0	0
VALVE	5	2,274	1	0
VALVE	6	6	0	0
		<u>2,389</u>	<u>1</u>	<u>0</u>

FLARE

PUMP	4	3	0	0
PUMP	5	3	0	0
PUMP	6	3	0	0
VALVE	6	222	0	0
		<u>231</u>	<u>0</u>	<u>0</u>

FLARE GAS RECOVERY

PUMP	4	7	0	0
PUMP	5	7	0	0
PUMP	6	7	0	0
RELIEF	6	20	0	0
VALVE	6	1,047	0	0
		<u>1,088</u>	<u>0</u>	<u>0</u>

ISOCRK

PUMP	4	18	0	0
PUMP	5	18	0	0
PUMP	6	18	0	0
RELIEF	4	55	0	0
VALVE	4	3,129	0	0
VALVE	5	5	0	0
VALVE	6	5	0	0
		<u>3,248</u>	<u>0</u>	<u>0</u>

KERO

PUMP	4	9	0	0
PUMP	5	9	0	0
PUMP	6	9	0	0
RELIEF	4	30	0	0
VALVE	4	1,525	0	0
VALVE	5	2	0	0
VALVE	6	2	0	0
		<u>1,586</u>	<u>0</u>	<u>0</u>

LOWLN

PUMP	4	6	0	0
PUMP	5	6	0	0
PUMP	6	6	0	0
RELIEF	4	6	0	0
VALVE	4	584	1	0
VALVE	5	11	0	0

	VALVE	6	1	0	0
			<u>620</u>	<u>1</u>	<u>0</u>
<u>MARINE</u>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	5	9	0	0
	VALVE	5	290	0	0
			<u>305</u>	<u>0</u>	<u>0</u>
<u>NAPHTH</u>					
	PUMP	4	16	0	0
	PUMP	5	16	0	0
	PUMP	6	16	0	0
	RELIEF	6	13	0	0
	VALVE	4	6	0	0
	VALVE	5	6	0	0
	VALVE	6	1,515	0	0
			<u>1,588</u>	<u>0</u>	<u>0</u>
<u>PLATFO</u>					
	PUMP	4	8	0	0
	PUMP	5	8	0	0
	PUMP	6	8	0	0
	RELIEF	6	30	0	0
	VALVE	4	3	0	0
	VALVE	5	3	0	0
	VALVE	6	2,161	1	0
			<u>2,221</u>	<u>1</u>	<u>0</u>
<u>PRORCL</u>					
	PUMP	4	1	0	0
	PUMP	5	1	0	0
	PUMP	6	1	0	0
	RELIEF	6	3	0	0
	VALVE	4	2	0	0
	VALVE	5	2	0	0
	VALVE	6	330	0	0
			<u>340</u>	<u>0</u>	<u>0</u>
<u>PROREC</u>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	5	12	0	0
	VALVE	4	3	0	0
	VALVE	5	638	0	0
	VALVE	6	8	0	0
			<u>667</u>	<u>0</u>	<u>0</u>

PROSTO

PUMP	4	4	0	0
PUMP	5	4	0	0
PUMP	6	4	0	0
RELIEF	4	20	0	0
VALVE	4	530	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<u>564</u>	<u>0</u>	<u>0</u>

REFORM

PUMP	4	8	0	0
PUMP	5	8	0	0
PUMP	6	8	0	0
RELIEF	5	11	0	0
VALVE	4	2	0	0
VALVE	5	823	0	0
VALVE	6	15	0	0
		<u>875</u>	<u>0</u>	<u>0</u>

SOUR

RELIEF	5	2	0	0
VALVE	5	53	0	0
VALVE	6	1	0	0
		<u>56</u>	<u>0</u>	<u>0</u>

SOUTH TANK FARM

PUMP	4	25	0	0
PUMP	5	25	0	0
PUMP	6	24	0	0
RELIEF	4	1	0	0
RELIEF	5	1	0	0
RELIEF	6	21	0	0
VALVE	4	15	0	0
VALVE	5	13	0	0
VALVE	6	2,643	1	0
		<u>2,768</u>	<u>1</u>	<u>0</u>

SRU

RELIEF	4	3	0	0
VALVE	4	76	0	0
		<u>79</u>	<u>0</u>	<u>0</u>

TAIL GAS

RELIEF	4	3	0	0
VALVE	4	162	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<u>167</u>	<u>0</u>	<u>0</u>

TF

PUMP	4	10	0	0
PUMP	5	10	0	0
PUMP	6	10	0	0
RELIEF	6	6	0	0
VALVE	6	892	0	0
		<u>928</u>	<u>0</u>	<u>0</u>

ULSG

PUMP	4	8	0	0
PUMP	5	8	0	0
PUMP	6	8	0	0
RELIEF	6	17	0	0
VALVE	4	6	0	0
VALVE	5	5	0	0
VALVE	6	2,152	0	0
		<u>2,204</u>	<u>0</u>	<u>0</u>

VACUUM

PUMP	4	2	0	0
PUMP	5	2	0	0
PUMP	6	2	0	0
RELIEF	4	3	0	0
VALVE	4	496	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<u>507</u>	<u>0</u>	<u>0</u>

VGO

PUMP	4	1	0	0
PUMP	5	1	0	0
PUMP	6	1	0	0
RELIEF	4	13	0	0
RELIEF	5	2	0	0
RELIEF	6	2	0	0
VALVE	4	622	0	0
VALVE	5	4	0	0
VALVE	6	3	0	0
		<u>649</u>	<u>0</u>	<u>0</u>

TOTAL:	34,244	6	0
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